



PATENT

Docket No. 6169-169

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Itoh, et al.

Serial No.: 09/748,542

Examiner: Unassigned

Date Filed: December 26, 2000

Group: 2641

For: METHOD, APPARATUS, COMPUTER SYSTEM AND STORAGE
MEDIUM FOR SPEECH RECOGNITION

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR § 1.97(b)**

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Commissioner for Patents
Washington, DC 20231

DEC 18 2002

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Sir:

Pursuant to the Duty to Disclose under 37 C.F.R. § 1.56, the references cited on the accompanying form PTO-1449 are hereby brought to the attention of the Examiner for independent evaluation. A copy of each reference or its U.S. equivalent is enclosed. The references were cited by the Japanese Patent Office in the corresponding Japanese Patent Application.

Certification

This Statement is being filed prior to the issuance of the first Office Action for the present application, and this paper is thus submitted in accordance with 37 C.F.R. § 1.97(b).

In view of the above certification, a fee is not required for consideration of this document. Nevertheless, should a fee be deemed to be due by the Commissioner,

Certificate Under 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited as first class mail with the U.S. Postal Service addressed to the Commissioner for Patents, Washington, DC 20231 on

Date

12/10/02

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such fee should be charged to Deposit Account No. 50-0951. Applicant submits that the present invention is patentable over these references.

Respectfully submitted,

Date: 12/10/02

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**U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**

APPLICATION NO.
09/748,542

APPLICANT
Itoh, et al.

FILING DATE
12/26/00

**GROUP
2641**

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>MAL</i>	B1	61-52698	03/15/86	Japan	G10L	3/00		X
<i>MAL</i>	B2	06-027985	02/04/94	Japan	G10L	3/00	X	
<i>MA</i>	B2	07-104782	04/21/95	Japan	G10L	3/00	X	

OTHER DOCUMENTS

MAL	C1	Okanobori, et al., <i>Keyword Spotting From Spoken Dialog Using Newspaper Language Model</i> , Tsukuba University, <u>The Acoustical Society of Japan Spring Research Meeting Lecture Thesises Journal</u> , 3-6-18, pp. 117-118, (03/17/1998).
MAL	C2	Sakamoto, et al., <i>Speech Recognition Using Dialog-Conditioned Stochastic Language Model</i> , ATR Interpreting Telecommunications Research Labs, <u>The Acoustical Society of Japan Spring Research Meeting Lecture Thesises Journal</u> , 1-Q-24, pp. 157-158, (03/23/94).
MAL	C3	Kawahara, et al., <i>Task-Independent and Speaking-Style-Dependent Filler Model for Key-Phrase Detection and Verification</i> , Kyoto University, <u>The Acoustical Society of Japan Spring Research Meeting Lecture Thesises Journal</u> , 1-6-18, pp. 39-40, (03/17/98).
MAL	C4	Kawahara, et al., <i>Assessment of Domain-Independent Filler Model for Voice-Controlled Projector</i> , <u>The Acoustical Society of Japan Spring Research Meeting Lecture Thesises Journal</u> , 1-1-12, pp. 23-24, (09/24/98).
MAL	C5	Kawahara, et al., <i>Domain-Independent Filler Language Model Trained With Multiple Corpora</i> , <u>The Acoustical Society of Japan Spring Research Meeting Lecture Thesises Journal</u> , 3-Q-22, pp. 161-162, (03/10/99).

DATE CONSIDERED

* **EXAMINER:** Initial if a citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(Rev. 2-88)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
6169-169APPLICATION NO.
09/748,542**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**APPLICANT
Itoh, et al.FILING DATE
12/26/00GROUP
2641

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS

MAL	C6	Aoyama, <i>Word Spotting Speech Recognition</i> , Nihon Fuzzy Gakkaishi, <i>Journal of Japan Society for Fuzzy Theory and Systems</i> , Vol. 11, No. 3, pp. 403-407, (06/15/99).
MAL	C7	Murakami, et al., <i>A Spontaneous Speech Recognition Algorithm With Pause and Filled Pause Procedure</i> , ATR Interpreting Telecommunications Research Labs, <i>The Acoustical Society of Japan Spring Research Meeting Lecture Theses Journal</i> , 2-Q-22, pp. 191-192, (10/05/93).
MAL	C8	Murakami, et al., <i>A Spontaneous Speech Recognition Algorithm With Pause and Filled Pause Procedure</i> , Technical Report of IEICE, SP93-127, pp. 71-78, (01/20/94).
MAL	C9	Nagata, <i>Lexical Acquisition From Japanese Based On Statistical Unknown Word Model and Expected Word Frequency</i> , ISPJ Journal, Vol. 40, No. 9, pp. 3373-3386, (09/15/99).

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